



AVOX Systems

10100/10800 Mask Assemblies



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Masks
Demand Type



WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

THIS EQUIPMENT IS INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AND IS TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL

AVAILABLE FROM AVOX SYSTEMS AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.

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The AVOX Systems 10100/10800 Mask Assemblies will provide 100% oxygen to ensure breathing comfort, and will protect against dangerous eye and lung irritants in the event of an aviation emergency that produces heavy amounts of smoke and toxic gases.

Suitable for use with the AVOX Systems portable 5600 and 9800 Series, 10100/10800 Masks offer maximum respiratory and eye protection. The mask harness provides a comfortable, universal fit, and the full facepiece design ensures 180° peripheral vision.

Two models are available: the 10100 Demand Mask and the 10800 Positive Pressure Demand Mask. Both have communication capabilities available.



AVOX Systems 10100 Demand Mask Assembly Ordering Information[†]



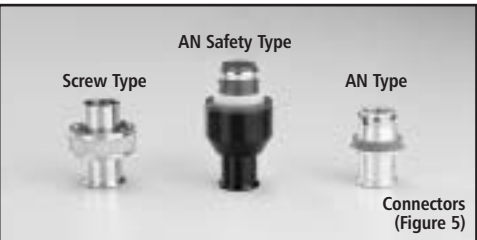
Demand 3-Strap Harness
(Figure 1)



Demand 6-Strap Harness
(Figure 2)



Typical Breathing Tube
(Figure 4)



Connectors
(Figure 5)



Typical Microphone Kit
(Figure 6)

Mask Facepiece Assembly		Breathing Tube		
10100A**	3-Strap Head Harness, no provisions for microphone (Figure 1)	X	None	
		1	28955-01	Breathing Tube 14" Long
10100B	3-Strap Head Harness, provisions for microphone (Figure 1)	2	60062-00	Breathing Tube 27.25" Long
		3	6242-42	Breathing Tube 42" Long
10100C**	6-Strap Head Harness, no provisions for microphone (Figure 2)	4	60062-00***	Breathing Tube 27.25" Long 6391-02 Sleeve • 6207-00 Spring • 8141-00 Clamp
		6	6242-48	Breathing Tube 48" Long
		8	00-3913	Breathing Tube 48" Long (MS22055H48)
10100D	6-Strap Head Harness, provisions for microphone (Figure 2)			
		12	00-4006	Breathing Tube 18" Long (MS22055H18)

Ordering Example: 10100B2A1
10100B = 3-Strap Head Harness with provisions for microphone
2 = Breathing Tube 27.25" long
A = Screw Type connector
1 = Carbon microphone assembly kit, 6 ft. cable

10100

Mask Inlet Connection and Clamp			Microphone Connections	
X	None			Omission of Last Character Indicates Microphone Not Required**
A	6210-00	Screw Type (Figure 5)	1	10117-00 Carbon Microphone Assy Kit, 6 Ft. Cable, PJ-068 Plug (Figure 6)
			5	10123-00 Carbon Microphone Assy Kit, 44" Cable from Switch to Facepiece, 103" Cable from Switch to PJ-068 Plug (Figure 6)
B	13822-00 (55B3509)	AN Type (Figure 5)	6	10117-01 Microphone Housing Assy Kit, No Microphone or Cable Microphone Housing and Grommet for Mask Only (Figure 6)
C	6210-01	Screw Type with Pin (Figure 5)	13	802993-01 Dynamic Microphone Kit, 56.5", with In-Line Pre-Amp, PJ-068 Plug (Figure 6)
F	7025-00	AN Safety Type (Figure 5)	14	802993-02 Dynamic Microphone Kit, 75", with In-Line Pre-Amp, PJ-068 Plug (Figure 6)

** Order Mask Facepiece 10100A or 10100C when microphone is not required.
*** For use with 6210-01 Inlet Connector only.

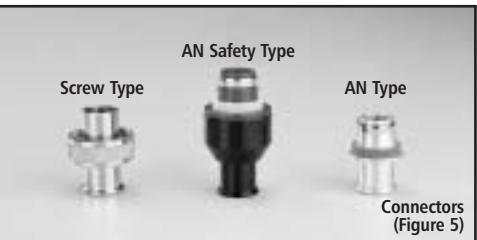
AVOX Systems 10800 Positive Pressure Demand Mask Assembly Ordering Information[†]



Pressure Demand Type
(Figure 3)



Typical Breathing Tube
(Figure 4)



Connectors
(Figure 5)



Typical Microphone Kit
(Figure 6)

Mask Facepiece Assembly		Breathing Tube		
10800A††	3-Strap Head Harness, 10158-00 Exhalation Valve, no provisions for microphone (Figure 3)	X	None	
		1	28955-01	Breathing Tube 14" Long
10800B	3-Strap Head Harness, 10158-00 Exhalation Valve, provisions for microphone (Figure 3)	2	60062-00	Breathing Tube 27.25" Long
		3	6242-42	Breathing Tube 42" Long
10800C††	6-Strap Head Harness, 10158-00 Exhalation Valve, no provisions for microphone (Figure 3)	4	60062-00†††	Breathing Tube 27.25" Long • 6391-02 Sleeve • 6207-00 Spring • 8141-00 Clamp (Figure 4)
		6	6242-48	Breathing Tube 48" Long
10800D	6-Strap Head Harness, 10158-00 Exhalation Valve, provisions for microphone (Figure 3)			

Ordering Example: 10800C1F
10800C = 3-Strap Head Harness, 10158-00 Exhalation Valve, no provision for microphone
1 = Breathing Tube 14" long
F = AN Safety Type Connector
No microphone kit

10800

Mask Inlet Connection and Clamp			Microphone Kits	
X	None			Omission of Last Character Indicates Microphone Not Required
A	6210-00	Screw Type (Figure 5)	1	10117-00 Carbon Microphone Assy Kit, 6 Ft. Cable, PJ-068 Plug (Figure 6)
			5	10123-00 Carbon Microphone Assy Kit, 44" Cable from Switch to Facepiece, 103" Cable from Switch to PJ-068 Plug (Figure 6)
B	13822-00 (55B3509)	AN Type (Figure 5)	6	10117-01 Microphone Housing Assy Kit, No Microphone or Cable Microphone Housing and Grommet for Mask Only (Figure 6)
C	6210-01	Screw Type with Pin (Figure 5)	11	803603-01 Dynamic Microphone Kit with Coiled Cable, 82" fully extended, has In-Line Pre-Amp and PJ-068 Plug (Figure 6)
F	7025-00	AN Safety Type (Figure 5)		

†† Order Mask Facepiece 10800A or 10800C when microphone is not required.
††† For use with 6210-01 Inlet Connector only.

10100/10800 Outstanding Features:

- Mask provides protection against eye and lung damage
- Mask contour provides 180° peripheral vision capability
- Adjustable harnesses ensure comfortable universal fit
- Microphone provisions are available
- 10800 series mask, when used with a pressure demand regulator and minimum 22 cubic foot cylinder, meets FAA TSO-C99.
- Weight approximately 2 lbs.

†10100/10800 Ordering Information:

Charts show available equipment combinations and options. To order, select the units desired – write the individual part numbers in the appropriate boxes to produce the complete Part Number required for ordering.